

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION  
 COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

November 18, 2003

S I R:

Transmitted herewith for filing are the specification and claims  
 of the patent application of:

Heung Nam HAN, Chang Gil LEE, and Sung Joon KIM  
 For Inventor(s)

IMPROVEMENT IN PROBE FRICTION SHEET WELDING METHOD  
 Title of Invention

Also enclosed are:

XXX 2 sheet(s) of      informal XXX formal drawings.

XXX Oath or declaration of Applicant(s).

XXX A power of attorney.

XXX An assignment of the invention to Korea Institute of Machinery  
 and Materials, 171, Jang-dong, Yuseung-gu, Daejeon, Republic of Korea

     A Preliminary Amendment

     A verified statement to establish small entity status under  
 37 C.F.R. §1.9 and §1.27.

The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELED BY AMENDMENT

	NUMBER FILED		NUMBER EXTRA*		RATE			FEE	
					SMALL ENTITY	OTHER ENTITY		SMALL ENTITY	OTHER ENTITY
Total Claims	5-20	=	0	x	\$ 9	\$ 18	=	\$ 0	\$
Independent Claims	1-3	=	0	x	\$ 43	\$ 86	=	\$ 0	\$
Multiple Dependent Claims Presented: Yes XXX No					\$145	\$290	=	\$ 0	\$
*If the difference in Col. 1 is less than zero, enter "0" in Col. 2.					BASIC FEE			\$ 385	\$
					TOTAL FEE			\$ 385	\$

00727 U.S. PTO  
 10/717334



Applicants: Heung Nam HAN et al.  
Serial No.: Not Yet Known  
Filed: Herewith  
Letter of Transmittal  
Page 2

XXX A check in the amount of \$ 385.00 to cover the filing fee.

     Please charge Deposit Account No. 03-3125 in the amount of  
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XXX The Commissioner is hereby authorized to charge any  
additional fees which may be required in connection with the  
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XXX Filing fees under 37 C.F.R. \$1.16.

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\$1.17.

     The issue fee set in 37 C.F.R. \$1.18 at or before  
mailing of the Notice of Allowance, pursuant to 37  
C.F.R. \$1.311(b).

XXX Three copies of this sheet are enclosed.

XXX Certified copy of previously filed foreign application No. 10-  
2003-0068113 filed in Republic of Korea on October 1, 2003.  
Applicant(s) hereby claim priority based upon this  
aforementioned foreign application under 35 U.S.C. §119.

XXX Other (identify) Express Mail Certificate of Mailing bearing  
Label No. ET 735 976 400 US

Respectfully submitted,



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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Heung Nam HAN, Chang Gil LEE, and Sung Joon KIM  
Serial No. : Not Yet Known  
Filed : Herewith  
For : IMPROVEMENT IN PROBE FRICTION SHEET WELDING METHOD

1185 Avenue of the Americas  
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November 18, 2003

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:


**EXPRESS MAIL  
CERTIFICATE OF MAILING  
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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. \$1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

  
Printed Name: Samuel Rhala

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